

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Cimarex Energy Co. PO Box 140907 Irving, TX 75014-0907		² OGRID Number 215099 ✓
³ Property Code 36145	⁵ Property Name Aduddle	⁴ API Number 30-015-025-30407
⁹ Proposed Pool 1 Undesignated Morrow Wildcat		¹⁰ Proposed Pool 2 Undesignated Atoka Wildcat

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	23	15S	36E		330	North	897	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code F E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code Fee ✓	¹⁵ Ground Level Elevation 3876' GR
¹⁶ Multiple No	¹⁷ Proposed Depth 13000'	¹⁸ Formation Mississippian	¹⁹ Contractor Unknown	²⁰ Spud Date When Approved
Depth to Groundwater 67' per USGS information		Distance from nearest fresh water well Greater than 1000' per State Engineer Records		Distance from nearest surface water Greater than 1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12_mils thick Clay <input type="checkbox"/>		Pit Volume: _____ Drilling Method: Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		
Closed-Loop System <input checked="" type="checkbox"/>				

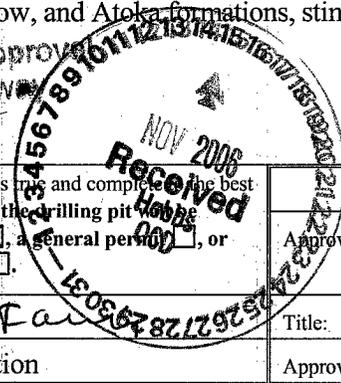
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	352' (already set)	400	Surface
11"	8-5/8"	32#	4915' (already set)	1850	Surface
7-7/8"	5-1/2"	17#	13000'	1620	9600'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

The Aduddle No. 1 well was plugged and abandoned on 09-02-88. Propose to re-enter and clean out to 13000' new TD. Set 13000' of 5 1/2" P-110 17# casing and cement to 9600' w 1620 sx of POZ/C + Additives. Perforate and test Mississippian, Morrow, and Atoka formations, stimulate as required, and complete as a gas well.

Permit Expires 1 Year From Approval Date Unless Drilling Underway



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit was constructed according to NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .

Printed name: Zeno Farris
Title: Manager Operations Administration
E-mail Address: zfarris@cimarex.com
Date: November 2, 2006
Phone: 972-443-6489

OIL CONSERVATION DIVISION	
Approved by: <i>Chris Williams</i>	
Title: DISTRICT SUPERVISOR/GENERAL MANAGER	
Approval Date: NOV 21 2006	Expiration Date:
Conditions of Approval Attached <input type="checkbox"/>	

DISTRICT I
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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-30407	Pool Code ✓	Pool Name Undesignated Morrow Wildcat
Property Code 36145	Property Name ADUDDLE	Well Number 1
OGRID No. 215099	Operator Name Cimarex Energy Co.	Elevation 3876'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	23	15 S	36 E		330	NORTH	897	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill N	Consolidation Code	Order No. NSL Pending ✓
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Zeno Farris 11-02-06 Signature Date</p> <p>Zeno Farris Printed Name</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>OCTOBER 30 2006 Date Surveyed</p> <p>Gary L. Jones Signature Professional Surveyor 7977</p>	
	<p>Certificate No. Gary L. Jones 7977</p>	
	<p>BASIN SURVEYS</p>	

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State of New Mexico
Energy Minerals and Natural Resources

Form C-144
March 12, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes No
Type of action: Registration of a pit or below-grade tank Closure of a pit or below-grade tank

Operator: Cimarex Energy Co. Telephone: 972-443-6489 e-mail address: zfarris@cimarex.com
Address: P.O. Box 140907, Irving, Tx 75014-0907
Facility or well name: Aduddle No. 1 API #: 30-025-30407 U/L or Qtr/Qtr^A Sec 23 T15S R36E
County: Lea Latitude 320033.8 N Longitude 1031607.7 W NAD: 1927 1983 Surface Owner Federal State Private Indian

Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/> Volume _____ bbl Closed system, cuttings to be buried		Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)	
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (No)	(20 points) (0 points)	
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	
Ranking Score (Total Points)		10	

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite offsite If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No Yes If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines a general permit or an (attached) alternative OCD-approved plan .
Date: 11-14-06

Printed Name/Title Zeno Farris Manager Operations Administration Signature Zeno Farris

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: _____
Date: NOV 21 2006
Printed Name/Title _____ Signature ORIGINAL SIGNED BY CHRIS WILLIAMS OC DISTRICT SUPERVISOR/GENERAL MANAGER